

Application No. 10/086,351
Amendment dated January 31, 2005
Reply to Office Action of October 29, 2004

Docket No. 1232-4831

Amendments to the Claims:

Claims 1-18 are pending in this application. Claims 1, 10 and 17 are independent.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (CURRENTLY AMENDED): An information processing apparatus for ~~selecting an object set with a function on a display screen~~ displaying multimedia contents encoded by object-based coding on a display screen, and executing the function, comprising:

determination means for searching the multimedia contents and thereby determining a plurality of objects while the multimedia contents are displayed on the display screen, wherein each set of the plurality of objects is associated with a an executable function from multimedia contents encoded by object-based coding; and

setting means for setting an order for the plurality of objects determined by said determination means; and

control means for controlling the objects determined by said determination means order set in said setting means so that each of the object plurality of objects is to be selected in turn and the associated function is executed upon receiving a command from a user.

2 (CANCELLED):

3 (CURRENTLY AMENDED): The apparatus according to claim 2 ~~1~~, wherein said ~~order setting means detects~~ determines an order ~~in which objects appear, an order in which the plurality of objects are laid out vertically, or an order in which the plurality of objects are laid out horizontally, and sets the selection order on the basis of the detected order.~~

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4 (CURRENTLY AMENDED): The apparatus according to claim 2 ~~1~~, wherein said control means comprises instruction means for instructing one of the plurality of objects determined by said determination means as the object to be selected.

5 (CURRENTLY AMENDED): The apparatus according to claim 4, wherein said control means comprises means for changing an instruction of the object to be selected by said instruction means in accordance with the ~~selection~~ order set by said ~~order~~ setting means.

6 (CURRENTLY AMENDED): The apparatus according to claim 5, further comprising means for identifiably informing a the user of the object instructed as the object to be selected by said instruction means.

7 (CURRENTLY AMENDED): The apparatus according to claim 5, wherein said means for changing the instruction includes a button for switching the object to be selected by one touch in accordance with the ~~selection~~ order.

8 (ORIGINAL): The apparatus according to claim 1, wherein the object-based coding includes MPEG-4.

9 (ORIGINAL): The apparatus according to claim 1, wherein said multimedia contents encoded by object-based coding include BIFS data, and said determination means determines objects based on said BIFS data.

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10 (CURRENTLY AMENDED): A method of selecting an object out of a plurality of objects imposed on multimedia contents displayed on a display screen of an information processing apparatus, comprising the steps of:

searching the multimedia contents encoded by object-based coding;

determining the plurality of objects each set with a an associated function ~~from multimedia contents encoded by object-based coding;~~ and

setting an order for the plurality of objects determined by said determining step;

controlling the ~~determined~~ order of the plurality of objects so that each of the plurality of objects is to be selected in turn and the associated function is executed upon receiving a command from a user.

11 (CANCELLED):

12 (CURRENTLY AMENDED): The method according to claim ~~11~~ 10, wherein the ~~order~~ setting step includes the step of ~~detecting~~ determining an order ~~in which objects appear, an order~~ in which the plurality of objects are laid out vertically, or an order in which the plurality of objects are laid out horizontally, ~~and setting the selection order on the basis of the detected order.~~

13 (CURRENTLY AMENDED): The method according to claim 10, further comprising the step of identifiably informing a the user of the object which is set as the object to be selected.

14 (CURRENTLY AMENDED): The method according to claim ~~11~~ 10, wherein the object to be selected is switched by a button for switching the object to be selected by one touch in accordance with the ~~selection~~ order.

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15(ORIGINAL): The method according to claim 10, wherein the object-based coding includes MPEG-4.

16 (ORIGINAL): The method according to claim 10, wherein said multimedia contents encoded by object-based coding include BIFS data, and in said determination step, objects are determined based on said BIFS data.

17 (CURRENTLY AMENDED): A storage medium for computer-readably storing a control program for ~~controlling an information processing apparatus~~ for selecting an object out of a plurality of objects imposed on multimedia contents displayed on a display screen of an information processing apparatus, set with a function on a display screen, and executing the function, said control program comprising:

searching the multimedia contents encoded by object-based coding;

~~the determination step of determining~~ the plurality of objects each set with a an associated function from multimedia contents encoded by object-based coding; and

setting an orde for the plurality of objects determined by said determined step;

~~the control step of controlling the determined~~ order of the plurality of objects so that each of the plurality of object is to be selected in turn and the associated function is executed upon receiving a command from a user.

18 (CANCELLED):

19 (NEW): The storage medium of claim 17, wherein the object-based coding includes MPEG-4.

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20 (NEW): The storage medium of claim 17, wherein said multimedia contents encoded by object-based coding include BIFS data, and in said determination step, objects are determined based on said BIFS data.